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The Planetary Society



LightSail 2 NOAA Licensee Public Summary

LightSail 2 is the second of two privately developed 3U cubesat solar sail projects conceived and led by The Planetary Society, a nonprofit organization. The objective is demonstrate the ability to implement a controlled change to orbital parameters using radiation pressure from the Sun. LightSail 2 will be launched into low Earth orbit as part of Georgia Tech's Prox-1 mission, through the U.S. Air Force's STP-2 program, on a Falcon Heavy launch vehicle from Cape Canaveral Air Force Station (CCAFS). Partners include Stellar Exploration, Inc. (Moffett Field, CA), California Polytechnic State University (San Luis Obispo, CA), Georgia Institute of Technology (Atlanta, GA), and Ecliptic Enterprises Corporation (Pasadena, CA).

The imaging system was developed by the Aerospace Corporation PICOSAT Project Group for use in the LightSail program. LightSail 2 is equipped with two 2MP cameras, designed to take images of the solar sail. The imaging system will verify the deployment of the solar sail and validate the design of the system.

For further information:

<http://sail.planetary.org/>

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